

## Refine Search

### Search Results -

Terms	Documents
L6 and (560/\$ or 562/\$)	20

**Database:**

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

**Search:**

### Search History

DATE: Tuesday, December 27, 2005    [Printable Copy](#)    [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L7</u>	L6 and (560/\$ or 562/\$)	20	<u>L7</u>
<u>L6</u>	L5 and (explos\$6 or flam\$6)	247	<u>L6</u>
<u>L5</u>	L4 AND STEADY STATE	665	<u>L5</u>
<u>L4</u>	L3 AND REACTOR	7098	<u>L4</u>
<u>L3</u>	L2 and cataly\$6	18086	<u>L3</u>
<u>L2</u>	L1 and l1 and (propylene or propane or acrolein or isobutylene or methacrolein or xylene or naphthalene or benzne or butane)	24965	<u>L2</u>
<u>L1</u>	oxi\$5 and gas and oxygen and absor\$65	61559	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

First Hit

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Search Results - Record(s) 1 through 10 of 20 returned.

1. Document ID: US 6765113 B2

Using default format because multiple data bases are involved.

L7: Entry 1 of 20

File: USPT

Jul 20, 2004

US-PAT-NO: 6765113

DOCUMENT-IDENTIFIER: US 6765113 B2

TITLE: Production of aromatic carboxylic acids

DATE-ISSUED: July 20, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Graham; Derek Alexander	Cleveland			GB
Hamley; Paul Anthony	Nottingham			GB
Oliver; Raymond	Stockton on Tees			GB
Poliakoff; Martyn	Nottingham			GB
Woodcock; Duncan	Cheshire			GB
Ilkenhans; Thomas	Cambridge			GB

US-CL-CURRENT: [562/413](#); [562/407](#), [562/408](#), [562/409](#), [562/412](#), [562/414](#), [562/415](#),  
[562/421](#), [562/480](#), [562/485](#), [562/486](#), [562/487](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/M/C	Draw. De
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2. Document ID: US 6727289 B2

L7: Entry 2 of 20

File: USPT

Apr 27, 2004

US-PAT-NO: 6727289

DOCUMENT-IDENTIFIER: US 6727289 B2

TITLE: Boron promoted catalysts and fischer-tropsch processes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/M/C	Draw. De
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3. Document ID: US 6642407 B2

L7: Entry 3 of 20

File: USPT

Nov 4, 2003

US-PAT-NO: 6642407  
DOCUMENT-IDENTIFIER: US 6642407 B2

TITLE: Production, purification and polymerization of aromatic dicarboxylic acids

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/M/C	Draw. De
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4. Document ID: US 6566551 B2

L7: Entry 4 of 20

File: USPT

May 20, 2003

US-PAT-NO: 6566551  
DOCUMENT-IDENTIFIER: US 6566551 B2

TITLE: Method for preventing effluent gas pipe from blocking

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/M/C	Draw. De
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5. Document ID: US 6548701 B2

L7: Entry 5 of 20

File: USPT

Apr 15, 2003

US-PAT-NO: 6548701  
DOCUMENT-IDENTIFIER: US 6548701 B2

TITLE: Process for the preparation of 3-(methylthio)propanal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/M/C	Draw. De
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6. Document ID: US 6359173 B1

L7: Entry 6 of 20

File: USPT

Mar 19, 2002

US-PAT-NO: 6359173  
DOCUMENT-IDENTIFIER: US 6359173 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Methods and devices for oxidizing a hydrocarbon to form an acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/M/C	Draw. De
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7. Document ID: US 6320076 B1

L7: Entry 7 of 20

File: USPT

Nov 20, 2001

US-PAT-NO: 6320076  
DOCUMENT-IDENTIFIER: US 6320076 B1

TITLE: Process for the preparation of 3-(methylthio) propanal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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8. Document ID: US 6320075 B1

L7: Entry 8 of 20

File: USPT

Nov 20, 2001

US-PAT-NO: 6320075

DOCUMENT-IDENTIFIER: US 6320075 B1

TITLE: Process and apparatus for preparing saturated carboxylic acids having one to four carbon atoms

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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9. Document ID: US 6288270 B1

L7: Entry 9 of 20

File: USPT

Sep 11, 2001

US-PAT-NO: 6288270

DOCUMENT-IDENTIFIER: US 6288270 B1

TITLE: Methods for controlling the reaction rate of a hydrocarbon to an acid by making phase-related adjustments

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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10. Document ID: US 6143843 A

L7: Entry 10 of 20

File: USPT

Nov 7, 2000

US-PAT-NO: 6143843

DOCUMENT-IDENTIFIER: US 6143843 A

TITLE: Simulated condensing mode

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L6 and (560/\$ or 562/\$)	20

Display Format:

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Search Results - Record(s) 11 through 20 of 20 returned.

11. Document ID: US 6114575 A

**Using default format because multiple data bases are involved.**

L7: Entry 11 of 20

File: USPT

Sep 5, 2000

US-PAT-NO: 6114575

DOCUMENT-IDENTIFIER: US 6114575 A

TITLE: Process for preparing 2,6-naphthalenedicarboxylic acid

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McMahon; Rosemary F.	Wheaton	IL		
Greene, Jr.; James D.	Decatur	AL		
Peterson; David A.	Westmont	IL		

US-CL-CURRENT: [562/414](#); [562/416](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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12. Document ID: US 5925794 A

L7: Entry 12 of 20

File: USPT

Jul 20, 1999

US-PAT-NO: 5925794

DOCUMENT-IDENTIFIER: US 5925794 A

TITLE: Process for the preparation of 3-(methylthio)propanal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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13. Document ID: US 5744647 A

L7: Entry 13 of 20

File: USPT

Apr 28, 1998

US-PAT-NO: 5744647

DOCUMENT-IDENTIFIER: US 5744647 A

TITLE: Process for the preparation of 3-(methylthio) propanal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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14. Document ID: US 5693856 A

L7: Entry 14 of 20

File: USPT

Dec 2, 1997

US-PAT-NO: 5693856

DOCUMENT-IDENTIFIER: US 5693856 A

TITLE: Production of terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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15. Document ID: US 5654475 A

L7: Entry 15 of 20

File: USPT

Aug 5, 1997

US-PAT-NO: 5654475

DOCUMENT-IDENTIFIER: US 5654475 A

TITLE: Methods of making intermediate oxidation products by controlling oxidation rates in an atomized liquid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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16. Document ID: US 5637766 A

L7: Entry 16 of 20

File: USPT

Jun 10, 1997

US-PAT-NO: 5637766

DOCUMENT-IDENTIFIER: US 5637766 A

TITLE: Process for the preparation of 3-(methylthio) propanal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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17. Document ID: US 4952547 A

L7: Entry 17 of 20

File: USPT

Aug 28, 1990

US-PAT-NO: 4952547

DOCUMENT-IDENTIFIER: US 4952547 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Catalyst for converting methane to higher hydrocarbons, including aromatic compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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18. Document ID: US 4327226 A

L7: Entry 18 of 20

File: USPT

Apr 27, 1982

US-PAT-NO: 4327226

DOCUMENT-IDENTIFIER: US 4327226 A

TITLE: Process and apparatus for producing aromatic dicarboxylic acids

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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19. Document ID: US 4219508 A

L7: Entry 19 of 20

File: USPT

Aug 26, 1980

US-PAT-NO: 4219508

DOCUMENT-IDENTIFIER: US 4219508 A

TITLE: Process for the preparation of low molecular weight polyhydroxyl compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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20. Document ID: US 4159307 A

L7: Entry 20 of 20

File: USPT

Jun 26, 1979

US-PAT-NO: 4159307

DOCUMENT-IDENTIFIER: US 4159307 A

TITLE: Apparatus for producing aromatic dicarboxylic acids

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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Terms	Documents
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